

FIG. 1

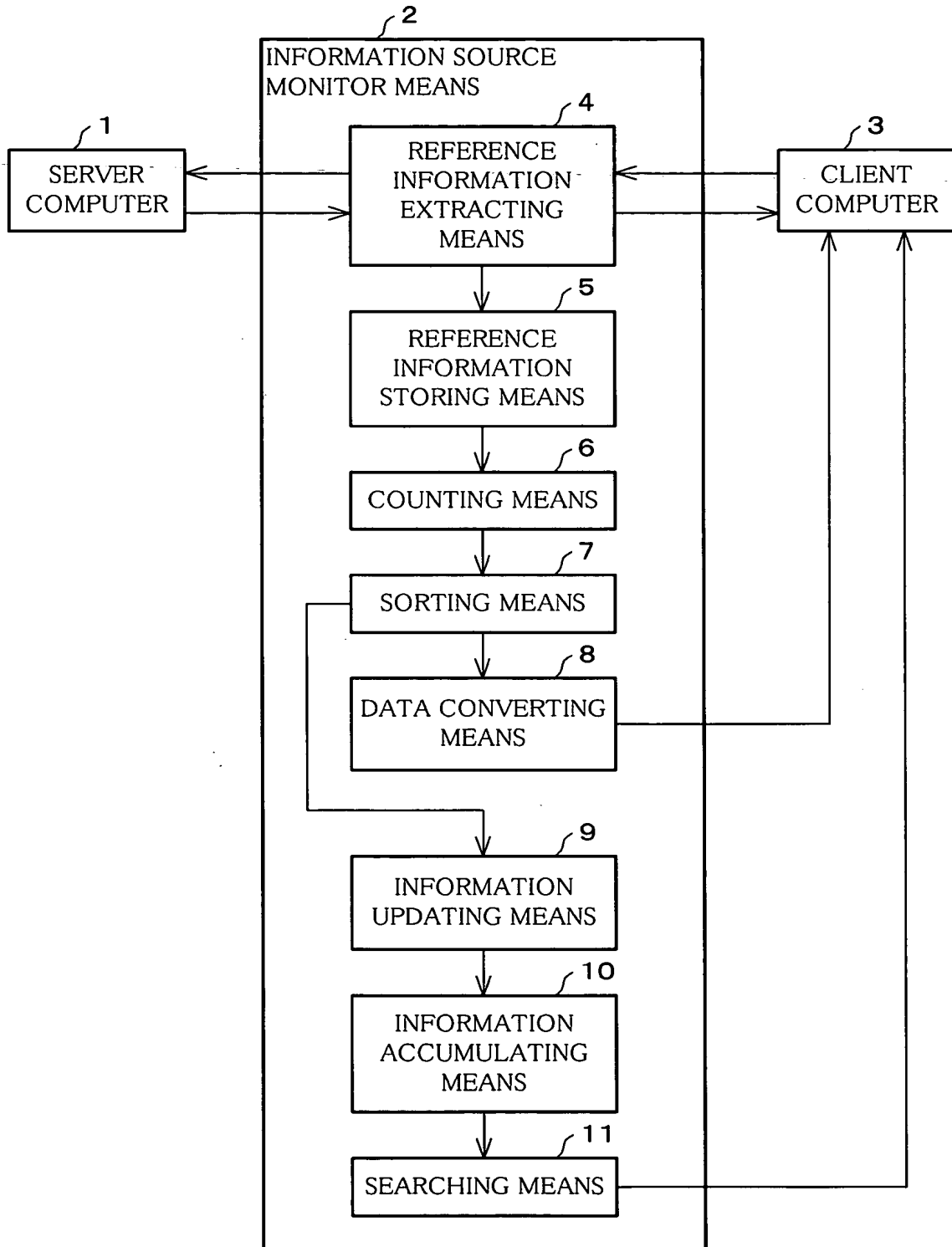


FIG. 2

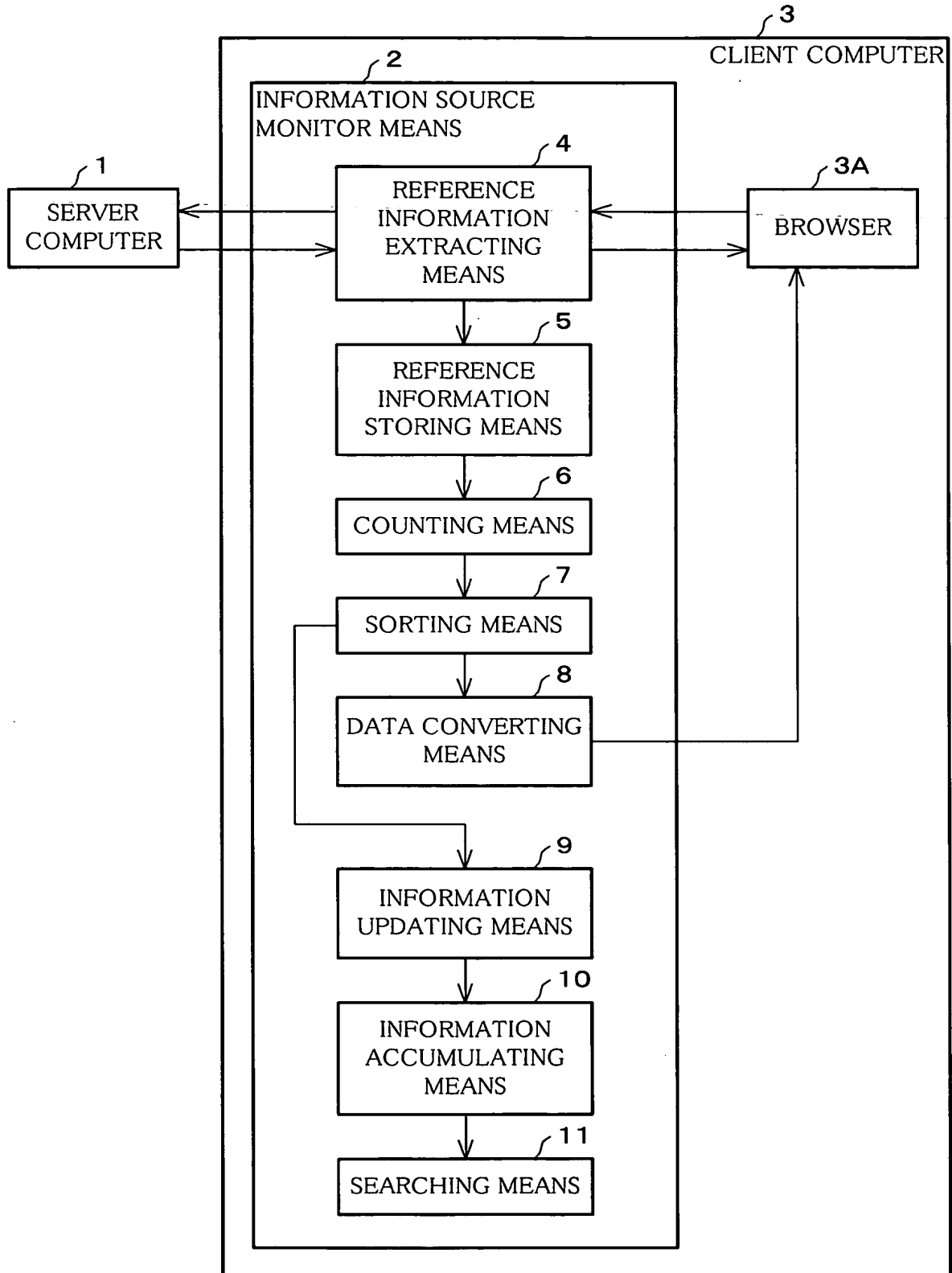
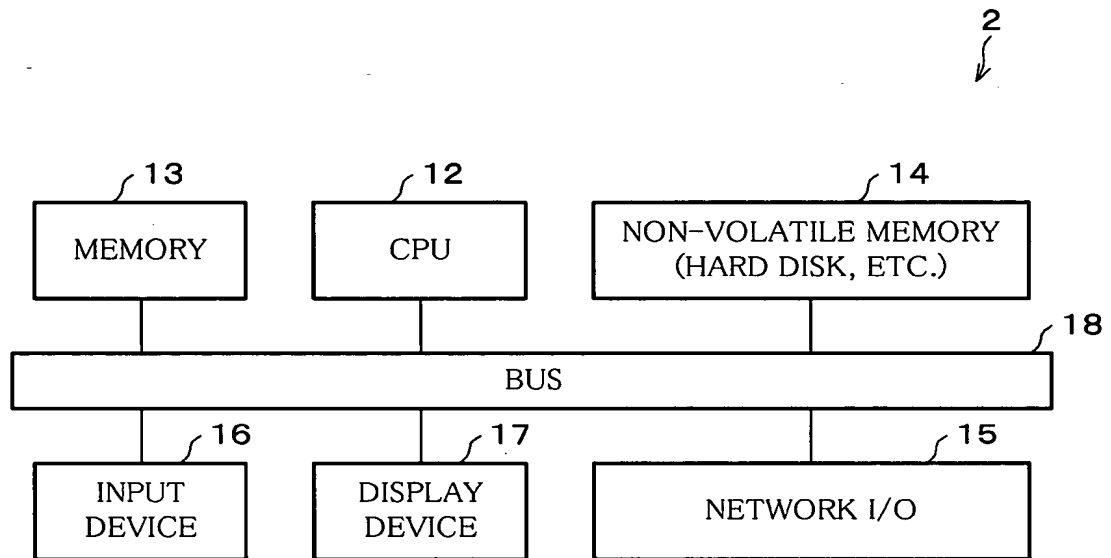


FIG. 3



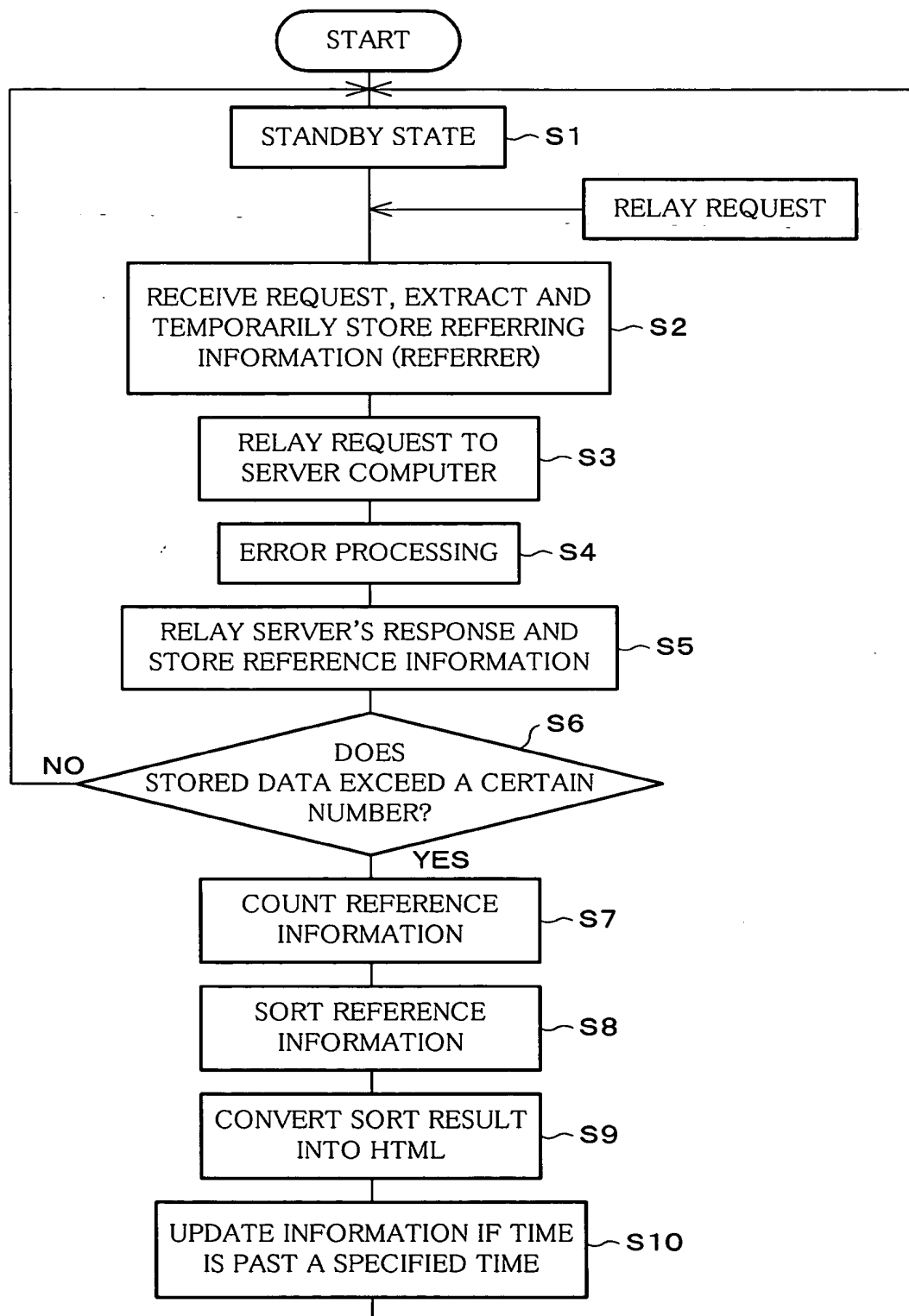
[illegible]

```
GET http://www.news/1.html HTTP/1.0
Referer: http://www.news
```

**F I G. 5**

```
HTTP/1.0 200 Document Follows
Date: Fri,23 Oct 1998 004:23:34 GMT
Content-Type: text/html
(Blank)
Text Data (HTML Data) Body
```

FIG. 6



## F I G . 7

### YOUR INFORMATION SOURCE LIST

Updated at 18:30, OCT. 27, 1998

#### text/html Type Information Source

Order	URL	Title
1	<a href="http://www.news/">http://www.news/</a>	Daily Newspaper
2	<a href="http://www.hello.nara/">http://www.hello.nara/</a>	Nara Prefecture Local Information
3	<a href="http://www.cnn.com/">http://www.cnn.com/</a>	CNN Interactive
4	<a href="http://www.asahi.com/">http://www.asahi.com/</a>	Asahi Newspaper News

#### Moving Image (Movie) Type Information Source

Order	URL	Title
1	<a href="http://www.hello.nara/">http://www.hello.nara/</a>	Nara Prefecture Local Information
2	<a href="http://www.movie.archive/">http://www.movie.archive/</a>	Movie Archive

# FIG. 8

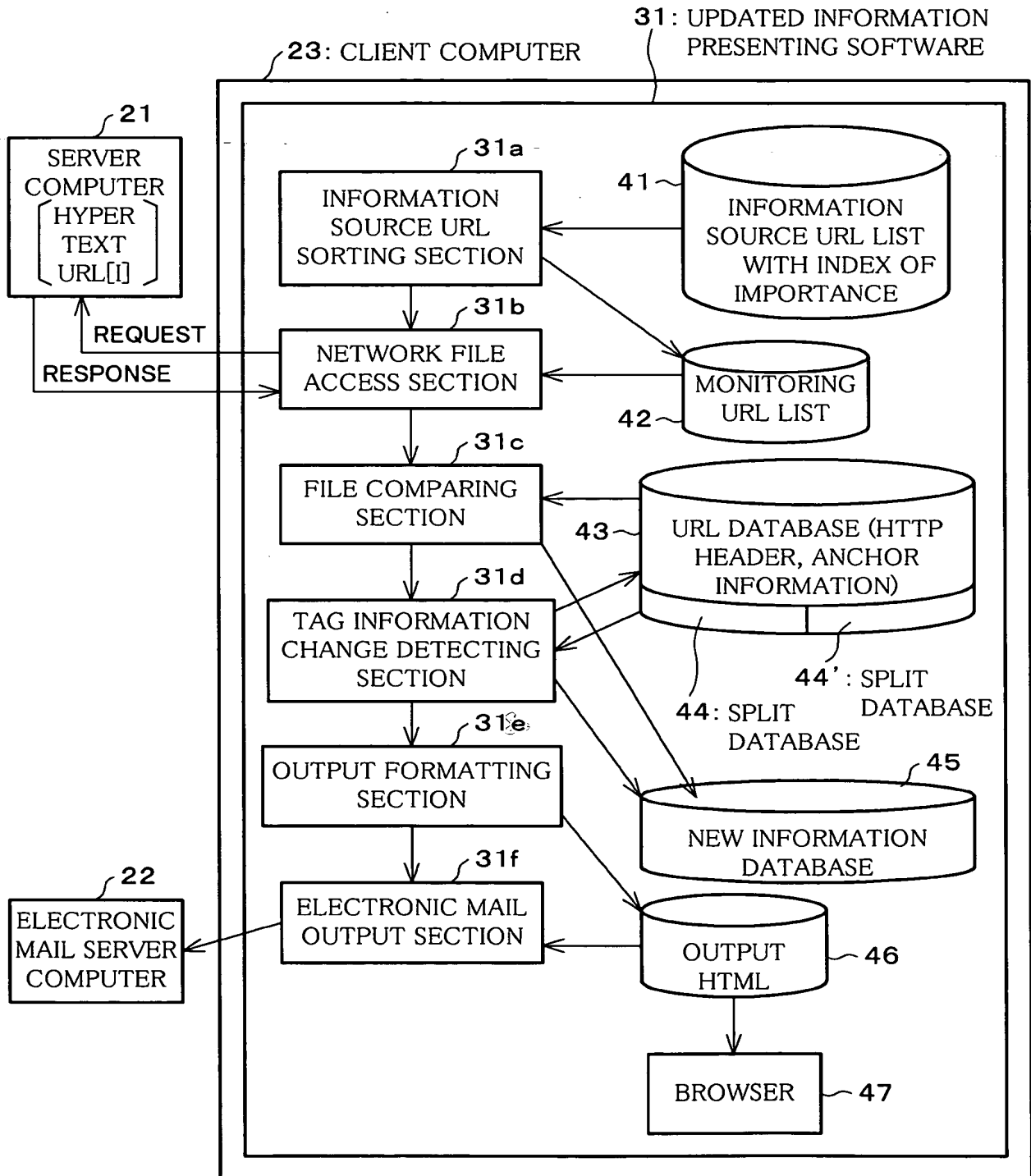
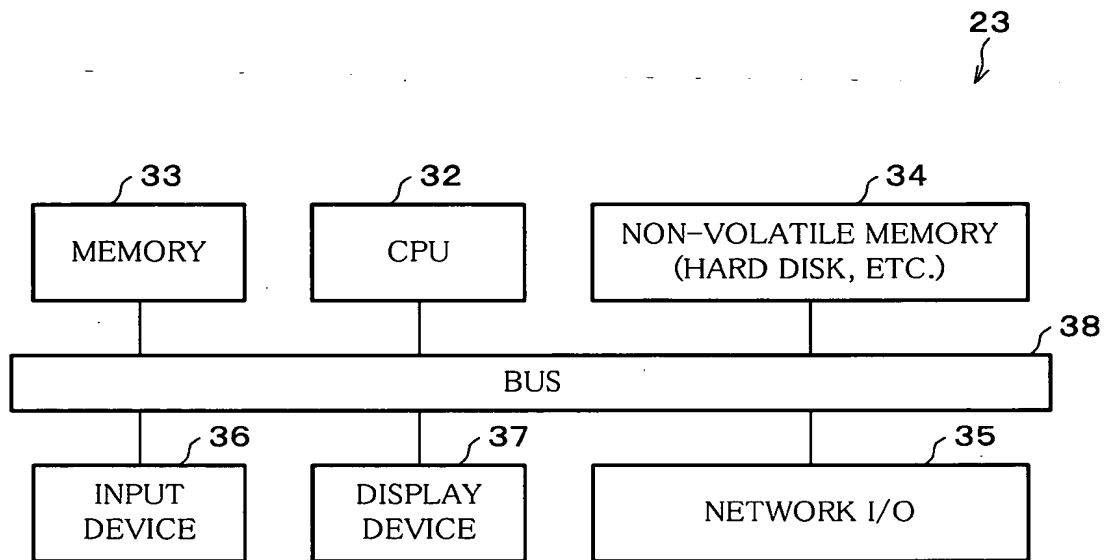




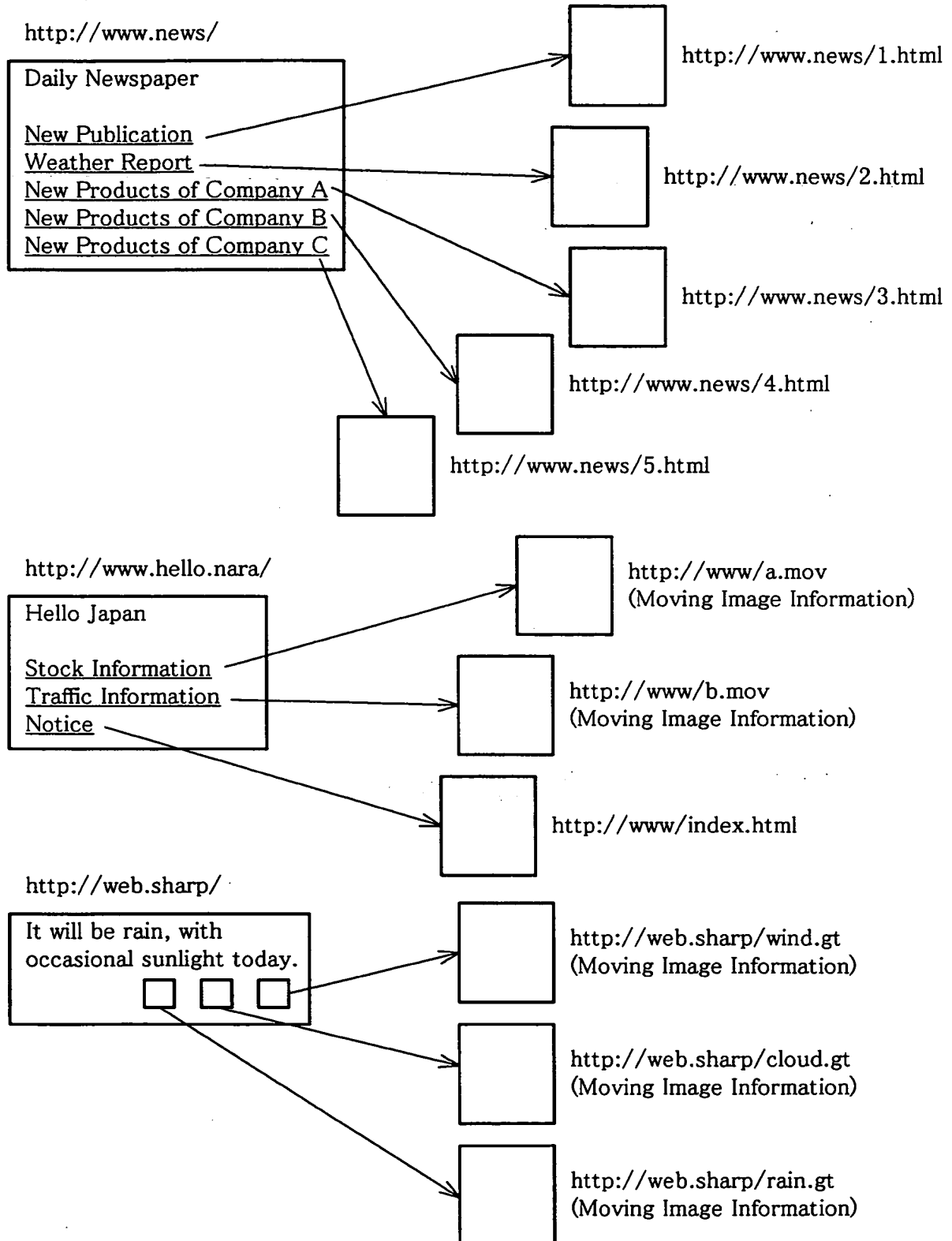


FIG. 10



# FIG. 11

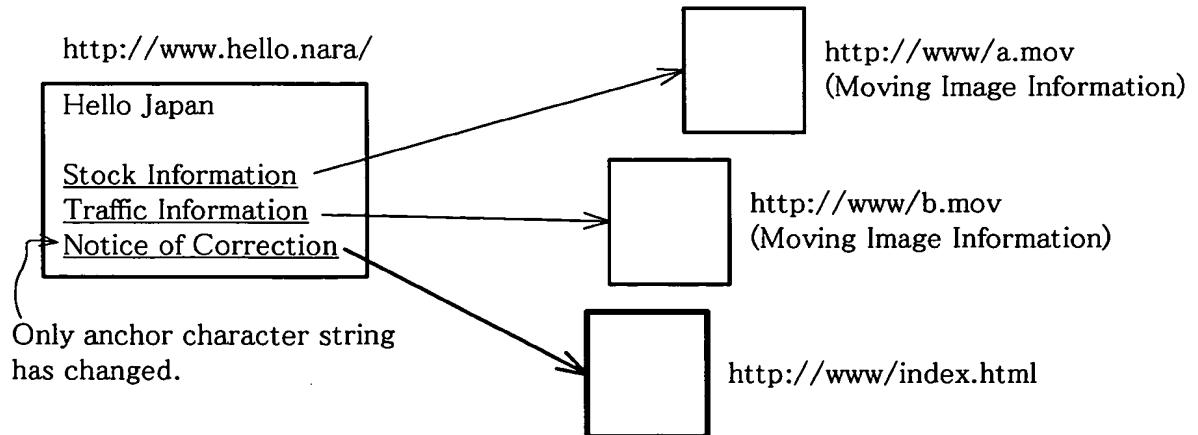
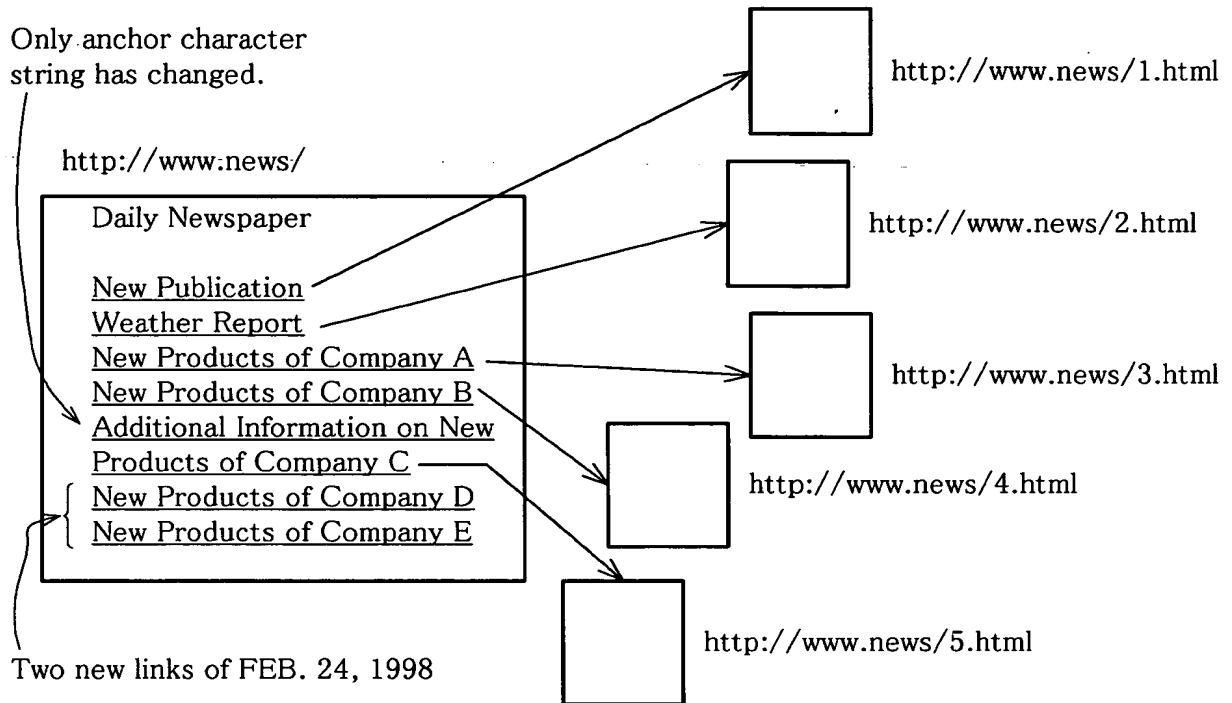
EXAMPLE OF HYPERTEXT AND HYPERLINK STRUCTURE ON PREVIOUS  
ACCESS OF FEBRUARY 23



## FIG. 12

EXAMPLE OF HYPERTEXT AND HYPERLINK STRUCTURE ON THIS ACCESS  
OF FEBRUARY 24

Only anchor character  
string has changed.



<http://web.sharp/>

It will be fine today.

## FIG. 13

41  
↓

EXAMPLE OF DATA STRUCTURE OF  
INFORMATION SOURCE URL LIST

Information Source URL[I]	Index of Importance (Referred Frequency)
http://www.news/	5
http://web.sharp/	3
http://www.hello.nara/	3

## FIG. 14

EXAMPLE OF REQUEST HEADER

GET/File Name HTTP/1.0
------------------------

[illegible]

↓

Response  
HeaderResponse  
Body

# FIG. 16

44



SPLIT DATABASE STRUCTURE OF CORRESPONDING URL CREATED  
DURING THIS ACCESS

«Corresponding to <http://www.news/> structure in FIG.12»

HTTP Header Section	
HTTP/1.0 200 Document Follows Date:Fri24 Feb 1998 04:23:34 GMT Last-Modified:Fri24 Feb 1998 01:33:00 GMT Content-Length: 1120 Content-type:text/html	
Hyperlink Anchor Section (File Name, Anchor Character String)	
1.html	New Publication
2.html	Weather Report
3.html	New Products of Company A
4.html	New Products of Company B
5.html	Additional Information on New Products of Company C
6.html	New Products of Company D
7.html	New Products of Company E

[illegible]

↓

«Corresponding to <http://www.news/> structure in FIG.11»

HTTP Header Section	
HTTP/1.0 200 Document Follows Date:Fri23 Feb 1998 04:23:34 GMT Last-Modified:Fri23 Feb 1998 01:33:00 GMT Content-Length: 1034 Content-type:text/html	
Hyperlink Anchor Section (File Name, Anchor Character String)	
1.html	New Publication
2.html	Weather Report
3.html	New Products of Company A
4.html	New Products of Company B
5.html	New Products of Company C





## FIG. 19 (a)

46



### EXAMPLE OF OUTPUT HTML

```
<HTML>
List of New Information of Feb. 24, 1998
<a href="http://www.news/New Information">
<ul>
<li><a href="http://www.news/5.html"> Additional Information of New Products of
Company C</a>
<li><a href="http://www.news/6.html"> New Products of Company D</a>
<li><a href="http://www.news/7.html"> New Products of Company E</a>
</ul>
<a href=http://web.sharp/>http://web.sharp/</a> has been updated.
<a href="http://www.hello.nara.">http://www.hello.nara/ New Information</a>
<ul>
<li><a href="http://www.hello.nara/teisei.html">Notice of Correction</a>
</ul>
<HTML>
```

## FIG. 19 (b)

### DISPLAY RESULT OF OUTPUT HTML ON BROWSER

New Information of Feb. 24, 1998  
<http://www.news/New Information>  
• [Additional Information of New Products of Company C](http://www.news/5.html)  
• [New Products of Company D](http://www.news/6.html)  
• [New Products of Company E](http://www.news/7.html)  
<http://web.sharp/> has been updated.  
<http://www.hello.nara/>New Information  
• [Notice of Correction](http://www.hello.nara/teisei.html)

In order of index  
of importance



## FIG. 20

DISPLAY RESULT ON BROWSER WHEN THERE IS UPPER LIMIT  
ON THE NUMBER OF DETECTION RESULTS TO BE DISPLAYED

New Information of Feb. 24, 1998

[http://www.news/New Information](http://www.news/New%20Information)

- [Additional Information of New Products of Company C](#)
- [New Products of Company D](#)

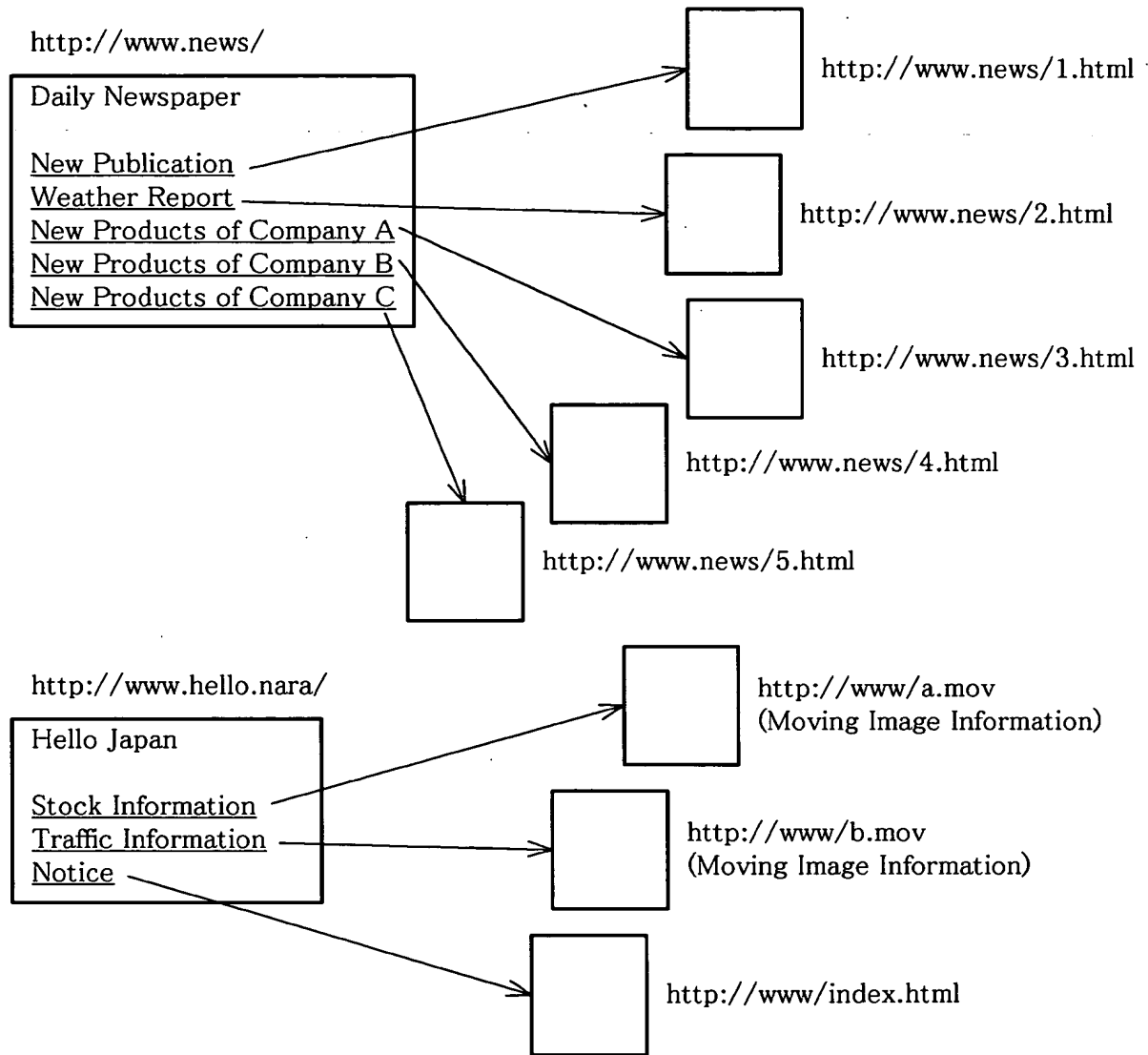
[There is one more new link.](#)

<http://web.sharp/> has been updated.

[http://www.hello.nara/New Information](http://www.hello.nara/New%20Information)

- [Notice of Correction](#)

FIG. 21



[illegible]

```
<a href="
http://ad.banner/user=1234&domain=jp &resource=http://www.hogehoge/
1234/ &userid=nara996789 &TS=13243141.">
<img src=http://ad.banner/banner.gif></a>
<p>
Nara Prefecture Local Information
```

[illegible]

Banner Advertisement Image (banner.gif)

Nara Prefecture Local Information